(English translation)

Approval for implementation of World Bank assisted Technical Education Quality Improvement Program of Govt. of India in the Technical Institutes in the State…

GOVERNMENT OF MAHARASHTRA

Department of Higher and Technical Education

Government Resolution No: WBP-2001/ (47/01)/ VE-5
Mantralaya Annexe, Mumbai 400 032
Date: 19th July, 2002

Reference:

1. Govt. Resolution, Deptt. of Higher and Technical Education, No. Misc.- 2800/(75/2000)/ TE-3 dated 14th June, 2000
2. Dept. of Secondary & Higher Education, MHRD, Govt. of India, New Delhi's D. O. letter No. 20-7/2000/TS/VII/(PT)/ 190, dated 30th May, 2001
3. NPIU New Delhi letter No. A/SSDP/(Tech. Ed. IV)/ 2001, dated 11th June 2001
4. D. O. Letter of this Dept. No. WBP- 2001/ (47/2001)/ VE-5 dated 20th June 2001
5. Letter from Director of Technical Education MS, Mumbai, No. 10/ADG/ADM/2001/480, dated 2nd July 2001
6. Report of Naik Committee dated 29th Sept. 2001

Preamble:

Government of India has decided to implement the Technical Education Quality Improvement Programme / Sub Sector Development Programme for improving the quality of technical education in India. A soft loan of Rs. 5000 Crores from World Bank is being made available for this purpose. This project primarily aims at making India a developed and confident Nation by producing World-class engineers through qualitative changes in technical education system.

2. MHRD is going to select Engineering Colleges and Polytechnics for this purpose. MHRD has decided certain criteria's and the institutes fulfilling those criteria's will get substantial financial support of Rs. 50 Crores for the Lead Institute Engineering College, Rs. 10 Crores for a Network Institute, and Rs. 5 Crores for the Lead Polytechnic. It is expected to bring the Engineering Colleges on par with IIT's at the end of this programme.

One of the important conditions for participation in this programme is that the institute should be totally autonomous.

3. Government of Maharashtra had appointed an Expert Committee under the Chairmanship of Shri F. C. Kohli, Vice Chairman of Tata Consultancy Services, for according total autonomous status to Engineering colleges. A detailed report in this regard has been submitted by a Committee under the chairmanship of Shri B. M. Naik, Ex-Principal of Guru Gobind Singhji College of Engineering & Technology, Nanded. According to this report, the proposal of granting total, i.e, academic, administrative, financial and managerial autonomy to 3 Engineering Colleges and 8 Polytechnics was under consideration of the Government.

Government Resolution

Approval is hereby given to implement the Technical Education Quality Improvement Programme / Sub Sector Development Programme in the Engineering Colleges & Polytechnics of the Maharashtra State with a view to enhance the quality of technical education in the State, subject to

- No transfer of Government property will be allowed.
- Centralized Admission process will apply.
- Currently available benefits to the socially backward class will continue.
- On formation of the BoG and obtaining academic autonomy from the respective Universities, the Institutes will function as total autonomous institute.

1. In order to enable the Institutes to participate in the Technical Education Quality Improvement Programme (TEQIP) / Sub Sector Development Programme, the proposal for granting total autonomy to the following 3 Engineering Colleges and 8 Polytechnics was under the consideration of the State Government. Accordingly, 3 Engineering colleges are being given administrative, financial, and managerial autonomy, however, they are required to obtain academic autonomy from respective universities. The eight polytechnics are already enjoying academic autonomy and hence are awarded financial, administrative and managerial autonomy.

Engineering Colleges

1) Veermata Jeejabai Technological Institute, Mumbai
2) Government College of Engineering, Pune.
3) Shri Guru Gobind Singhji College of Engineering & Technology, Nanded.

(VRCE, Nagpur is being considered separately for autonomy by the Govt. of India and hence will be processed separately if required.)

Polytechnics

1) Government Polytechnic, Mumbai
2) Government Polytechnic, Pune

3) Government Polytechnic, Nashik
4) Government Polytechnic, Aurangabad
5) Government Polytechnic, Nagpur
6) Government Polytechnic, Amravati
7) Government Polytechnic, Kolhapur
8) Maharashtra State Institute of Hotel Management & Catering Technology, Pune

Approval of Govt. is being given for the changes expected under autonomy as per Appendix 1.

Government approval is also being given to administrative and managerial changes as per the guiding principles of MHRD and indicated in Appendix 2.

There will be a Senate as prescribed by MHRD. The functions of this Senate will be essentially academic and similar to that of Academic Council of an affiliation University, and are indicated in Appendix 3. All Professors and Teachers will be the members of this Senate. There will be no Elections for the membership of the Senate.

2. It is necessary to make provisions in the Statutes of the respective Universities, which will be in tune with the guiding principles of autonomy prescribed by the Central Government. Universities will be informed to bring about these provisions as indicated in Appendix 4.

Changes in Governance

3. Veermata Jeejabai Technological Institute, Mumbai and Shri Guru Gobind Singhji College of Engineering & Technology, Nanded are at present being run by the Societies. Director of Technical Education is the chairman of the Board of Governors. But As per structure recommended by MHRD, the Chairman of the Society of such Institutes should be renowned scientist or industrialist. The Chancellor with the help of a search committee will make their appointment. Other members of the Society will be as indicated in Appendix 2. The present Societies memorandum of VJTI, Mumbai and SGGSC&T, Nanded will be required to be modified. Director of Technical Education and the Principals of respective Engineering Colleges & Polytechnics are also hereby empowered to form and register new Societies with modified memorandum as per requirements.

4. The modifications in the present society structure of VJTI, Mumbai and SGGSC&T, Nanded and formation of societies for Government Engineering College, Pune & 8 Polytechnics are being approved in order to enable the governance of the institute as per requirement.

5. All properties of VJTI, Mumbai and SGGSC&T, Nanded belong to the Society. Almost all the immovable properties have been created with the

Govt. funds in the past. There will be no change in the present ownership of the movable and immovable property of these Institutes.

Ownership of properties of the Engineering College, Pune and the eight Polytechnics will be with the Government only and no transfer of property to the Societies will be effected. However, the Society will have rights to use Land, buildings, machinery, furniture, books etc. comprising this property. Society will not be able to dispose off Land and buildings without the permission of the Government.

6. "Council of Autonomous Institutes, Maharashtra State" will be the State level Advisory Body for the autonomous Institutes. Hon. Minister, Higher & Technical Education will be Ex-Officio Chairman of this Council.

The members of the State level Council will be parallel to the Central Council. State Council will have the structure as given in Appendix 4 A.

7. Approval is being given by the Government for appointment of the Board of Governors for the above Institutes, after registration of society. The Board of Governors will have a term of five years. Approval is being given to form different Committees with their responsibilities and authorities as shown in Appendix 2

Approval is also being given to the Senate and its different Committees, their authorities and responsibilities as per Appendix 3.

8. The term 'College' will be replaced by the term 'Institute' in the present names of the concerned colleges. Hence permission is being given to make following changes in the names of the three Engineering Colleges and eight polytechnics.

Engineering Colleges

- Veermata Jeejabai Technological Institute (No change in name).
- Pune Institute of Engineering & Technology, Pune.
- Shri Guru Gobind Singhji Institute of Engineering &Technology, Nanded.

Polytechnics

1) Mumbai Polytechnic Institute, Mumbai.
2) Pune Polytechnic Institute, Pune
3) Nashik Polytechnic Institute, Nashik
4) Aurangabad Polytechnic Institute, Aurangabad
5) Nagpur Polytechnic Institute, Nagpur
6) Amaravati Polytechnic Institute, Amaravati
7) Kolhapur Polytechnic Institute, Kolhapur
8) M. I. H. M. C. T (Maharashtra Institute of Hotel Management and Catering Technology, Pune)

9. The nomenclature of the degrees awarded by the Engineering Colleges will be changed to 'B. Tech.' and 'M. Tech.' instead of 'B. E.' and 'M. E.'

Administrative Matters

10. Existing provisions of Pension and Provident Fund will be applicable to the employees of VJTI, Mumbai and SGGSC&T, Nanded who have joined the Institute before date of commencement of governance of the institute by the new societies. Similarly, their salaries and provident fund amounts will be paid from the Block Grants made available to these Institutes by the Government. The expenditure towards salaries of the teaching & non teaching staff of College of Engineering, Pune & 8 Polytechnics, who have joined the institute before the date of commencement of governance by the respective societies will be paid from the Block Grants made available to the institutes. Pension and Provident Fund schemes as on today will be applicable to these employees and this will be the responsibility of the State Government.

    All recruitment of teachers and other employees after commencement of new governance will be according to the rules of the respective Institutes. Since these employees are not going to be the employees of the Government, Pension and Provident schemes of the Government will not be applicable to them. They will be governed by the rules of the respective Institutes in these matters.

11. Approval is being given to all the above administrative structures and the various undertakings as prescribed by MHRD and given in Appendix 5.

12. Approval is being given to the change of existing designation of Head of the Institute from 'Principal' to that of 'Director'. His/her term will be for a period of five years. The selection committee for the post of Director will consist of

    1) Chairman - Director, IIT, Mumbai
    2) Member - Chairman, Tata Institute of Fundamental Research, Mumbai
    3) Member - Secretary, Higher & Technical Education.
    4) Member - Chairman, Board of Governor
    5) Member Secretary - Director, Technical Education, M. S.

    The Chairman of the BoG will appoint the person selected by the above Committee as Director of the Institute. The existing Principal will continue as Director, if he/she so desires, for a period of five years after formation of the society and the Institutes assuming the autonomous status. He/she will have to appear before the selection Committee after completion of five years. If not selected, he/she will have no right to continue as Director of that institute. He/she will be absorbed in equivalent post in other Government Institutes.

13. Option of transfer to the Govt. Engineering College, Pune and 8 other Polytechnics will be given to teachers/employees of other Government Colleges and Polytechnics. Similarly, those who do not want to work in Government Engineering College, Pune and the 8 Polytechnics after autonomy will be absorbed in equivalent posts in future.

14. Instead of closing down Diploma courses at VJTI, Mumbai, it should be run as a unit of the autonomous Institute. Alternatively, permission is hereby given to bifurcate the Institute and run the Diploma Institute in the same campus. In the next five years the Institute may take a decision about separating the Diploma courses.

15. Tuition & other fees for the year 2002-2003 for these institutes will be similar to that for the other Institutes. But, thereafter the Board will have the right to make changes in the fees.

Academic Matters

16. After the grant of autonomy the above three Engineering Colleges will have the autonomy to decide or change the curriculum/ course structure/ examination systems, conduct the examinations, declare the results etc. The 8 polytechnics already have academic autonomy. The question of according academic autonomy to them again does not arise.

    Permission is hereby given to Institutes to take necessary steps to apply for academic autonomy. Also, there is no objection for issuing the State Government's 'No Objection Certificate' to the University, AICTE and UGC. The grant of academic autonomy is recommended from the academic year 2002-2003.

Admissions

17. The engineering aptitude of candidates will be tested through a screening test for which a weightage of 50% will be given & remaining of 50% weightage will be given to the total marks in the subject of Physics, Chemistry & Mathematics at the 12th standard examination while preparing final merit list of the students. This aptitude test will be conducted at every district head quarters. The existing reservation for various categories of candidates will be applicable.

    For the year 2002-03, the admission will be according to the existing admission process. i.e. the admissions for the year 2002-03 will be as per the admission process adopted during 2001-02. However, from the year 2003-04 the passing in the aptitude test conducted by Directorate of Technical Education will be essential. All existing reservations will remain applicable even after 2003-04. Admission to Polytechnics will be done as per the existing process.

Accountability

18. The institute will take following steps to enhance and maintain the excellence in Education.

1) Get accredited through the National Board of Accreditation, from time to time.
2) Teachers' Assessment by students every year.
3) In accordance with the vision of the Institute decide the key performance indicators and its evaluation by internal and external agencies.
4) Board of Governors to take a review whether all the stakeholders are satisfied by the performance of Institute. Stakeholders and related information is given in Appendix 6.

Financial Matters

19. Powers to increase and retain tuition fees are being given to the above Institutes. Therefore only expenditure on salaries as shown below will be borne by the State Government. Non-salary and other recurring expenditure is to be met from the tuition fees and other resources.

The State Government will take a review of the Block Grant Scheme after five years and make modifications, if necessary.

A. Salary Expenditure to be borne by State Government: (Rs. in Lakh)

Inst. Name	Year 2002-03	Year 2003-04	Year 2004-05	Year 2005-06	Year 2006-07
VJTI, Mumbai	574.43	620.38	670.00	723.60	781.48
COE, Pune	554.79	599.17	647.10	698.86	754.76
SGGSC&T, Nanded	304.61	328.97	355.28	383.70	414.39
VRCE, Nagpur	367.70	397.11	428.88	463.19	500.24
Total	1801.53	1945,63	2101.26	2269.35	2450.87

B. Non-Salary Expenditure to be borne by the Institute: (Rs. in Lakh)

Inst. Name	Year 2002-03	Year 2003-04	Year 2004-05	Year 2005-06	Year 2006-07
VJTI, Mumbai	43.23	46.69	50.43	54.46	58.82
COE, Pune	41.75	45.09	48.70	52.60	56.81
SGGSC&T, Nanded	22.92	24.76	26.74	28.88	31.19
VRCE, Nagpur	27.67	29.89	32.28	34.86	37.65
Total	135.57	146.43	158.15	170.80	184.47

An average amount of Rs. 17.61 Crores are presently being released as annual grant to the four Engineering colleges. During the year 2002-2003 i.e., this year, an average amount of Rs. 18.01 Crores will be required for this purpose. This consolidated Fund will be distributed through Director of Technical Education. Government will make the provision of this

amount in the beginning of the year itself. Approval is hereby accorded to 'A' as above.

20. It is expected to bring these three Institutes on par with IITs. These Institutes are required to compete for World Bank support under TEQIP. If, for the purpose of competing for the World Bank support, the Institutes are required to create any essential additional infrastructure at the Institute, the proposal made in that regard by the Institutes, will be considered by the State Government on its merit for non-recurring grant.

21. It is necessary for the Institutes to increase the internal revenue generation. The objective should be to become self dependent. With this objective in view programme of resource mobilization is indicated in Appendix 7.

22. Board of Governors, Senate and other Committees for autonomous polytechnics will be similar to those for the Engineering Colleges. Financial matters for polytechnics will be as follows.

The powers of increasing and retaining the student fees are being given to the proposed autonomous polytechnics. The salary expenditure only will be borne by the State Government. The non-salary recurring expenditure is required to be met from the tuition and other fees revenue generated by the Institute.

The State Government will take a review of the Block Grant Scheme after five years and make modifications, if found necessary.

A. Salary Expenditure to be borne by the Government: (Rs. in Lakh)

Inst. Name	Year 2002-03	Year 2003-04	Year 2004-05	Year 2005-06	Year 2006-07
GP, Mumbai	225.92	244.00	262.52	284.60	307.37
GP, Pune	225.92	244.00	262.52	284.60	307.37
GP, Nashik	225.92	244.00	262.52	284.60	307.37
GP, Aurangabad	225.92	244.00	262.52	284.60	307.37
GP, Nagpur	225.92	244.00	262.52	284.60	307.37
GP, Amaravati	225.92	244.00	262.52	284.60	307.37
GP, Kolhapur	225.92	244.00	262.52	284.60	307.37
HMCT, Pune	112.95	121.99	131.75	142.29	153.68
Total	1694.39	1829.99	1969.39	2134.49	2305.27

B. Non-salary expenditure to be borne by the Institute from its own resources (Rs. In Lakh)

Inst. Name	Year 2002-03	Year 2003-04	Year 2004-05	Year 2005-06	Year 2006-07
GP, Mumbai	14.43	15.57	17.81	18.15	19.07

GP, Pune	14.43	15.57	17.81	18.15	19.07
GP, Nashik	14.43	15.57	17.81	18.15	19.07
GP, Aurangabad	14.43	15.57	17.81	18.15	19.07
GP, Nagpur	14.43	15.57	17.81	18.15	19.07
GP, Amaravati	14.43	15.57	17.81	18.15	19.07
GP, Kolhapur	14.43	15.57	17.81	18.15	19.07
HMCT, Pune	7.21	7.79	8.41	9.08	9.79
Total	108.22	116.78	133.08	136.13	143.28

Total Grants for these 8 polytechnics amounts to apprx. Rs. 15.3 Crores. During the financial year 2002-2003, an amount of Rs. 16.94 Crores will be required for these polytechnics. The proposed consolidated fund will be distributed through the Director , Technical Education. The State Government will make provision for the entire amount at the beginning of the financial year itself.

Approval is being given to 'A' as above.

This Government resolution is issued with consent of Dept. of Planning, General Administration, Law & Judiciary, Finance under UR of F.D. No. 125/2002, Expense-5 dt 22/2/2002.

By order and in the name of Governor of Maharashtra,

-sd-
Secretary
Dept. of Higher & Technical Education
Maharashtra State.

For any discrepancy Marathi version will be valid.

To:
1. Principal Secretary to Hon. Governor and Chancellor, Rajbhavan, Malabar Hill, Mumbai.
2. Private Secretary to Hon. Chief Minister, Mantralaya, Mumbai.
3. Private Secretary to Hon. Dy. Chief Minister, Mantralaya, Mumbai.
4. Private Secretary to Hon. Minister for Higher & Technical Education, Mantralaya, Mumbai.
5. Private Secretary to Hon. Minister of State for Higher & Technical Education, Mantralaya, Mumbai.
6. Personal Assistant to Chief Secretary, Mantralaya, Mumbai.
7. Secretary, Government of India, Ministry of Human Resource Development, New Delhi.
8. Secretary, Government of India, Ministry of Finance Department, New Delhi.
9. Secretary, University Grants Commission, New Delhi.
10. Director, National Project Implementation Unit, NOIDA, (U.P.)
11. Director, Technical Teachers Training Institute, Bhopal.

12. Director, All India Council for Technical Education, New Delhi.
13. Director, Indian Institute of Technology, Mumbai.
14. Director, Tata Institute of Fundamental Research, Mumbai.
15. Secretary, Government of Maharashtra, Higher & Technical Education Department, Mantralaya, Mumbai.
16. Secretary, Government of Maharashtra, Planning Department, Mantralaya, Mumbai.
17. Secretary, Government of Maharashtra, Finance Department, Mantralaya, Mumbai.
18. Secretary, Government of Maharashtra, General Administration Deptt. Mantralaya, Mumbai.
19. Secretary, Government of Maharashtra, Law and Judiciary Deptt., Mantralaya, Mumbai.
20. Secretary, Government of Maharashtra, Public Works Deptt., Mantralaya, Mumbai.
21. Director General, Information & Public Relations, Mantralaya, Mumbai.
22. Director, Technical Education, M. S., Mumbai.
23. Director, Industry Institute Co-ordination, M. S., Mumbai.
24. Director, Higher Education, M. S., Pune.
25. Director, Vocational Education & Training, M. S., Mumbai.
26. Director, Libraries, M. S., Mumbai.
27. Director, Arts., M. S. Mumbai.
28. Hon. Vice Chancellors of all Universities in Maharashtra.
29. Principals of all Government & Aided Engg. Colleges.
30. Principals of all Government & Aided Polytechnics.
31. All Regional Joint Directors, Technical Education.
32. All Regional Joint Directors of Higher Education.
33. All Regional Dy. Directors of Vocational Education & Training.
34. Secretary, Maharashtra State Board of Technical Education, Mumbai.
35. Maharashtra Knowledge Corporation, Mumbai.
36. All Superintending Engineers, Public Works Dept.
37. Accountant General (Audit), Maharashtra 1/2, Mumbai/Nagpur.
38. Accountant General (A&E), Maharashtra 1/2, Mumbai/Nagpur.
39. Pay & Accounts Officer, Mumbai.
40. Resident Audit Officer, Mumbai.
41. All District Treasury Officers.
42. Finance Department (Exp.)-5, Mantralaya, Mumbai.
43. Finance Department Ways & Means Branch, Mantralaya, Mumbai.
44. All Desks in Higher & Technical Education Dept.
45. Select File, VE-5.

APPENDIX 1

PROPOSED CHANGES

1. Academic

The Institutes will have enough freedom:

- To start new Programmes, and change curriculum of existing programmes.
- To implement Research and Development programmes.
- To bring about academic development through networking with other academic Institutes.
- To award Degree certificates.
- To organize continuing education programmes/ Community services Programmes according to the needs of the society.

The Institutes will have their own academic programmes and they should be able to award their own Degrees.

2. Financial

2.1 Release of Block Grant to the Institutes for their recurring expenditure, instead of present Grant-in-Aid release. The Institutes will have full autonomy to utilize the amount made available this way.

2.2 The Block Grant will depend on the approval of the Government to the Development programmes as recommended by the Board of Governors.

2.3 The Institutes will have freedom to disburse/ re-appropriate the Block Grant amount. That is, there will be no effect of the Internal Revenue Generated on the Block grant amount. The IRG will be used for the development and maintenance of the Institute.

2.4 Following funds will be created:

- Corpus Fund or Endorsement Fund
- Replacement and Depreciation Fund
- Maintenance & Repairs Fund
- Pension Fund

2.5 Expenditure will be audited by Chartered Accountant so as to enable quick and easy implementation of the programme. Wherever necessary, audit may be done by the office of the Accountant General.

3. Managerial

3.1 Institutes will have autonomy to conduct research, academic programmes, consultation, seminars, continuing education programmes, industrial and community services, jointly in collaboration with world reputed Institutes/ Universities.

3.2 The Institutes will have full autonomy to frame policies and take decisions regarding distribution of the Internally Generated Revenue.

4. Administrative

4.1 The Engineering Colleges & Polytechnics will have autonomy in the following matters.

- To charge fees as decided by the Council within the policy of the Government.
- To purchase equipments and hire services as found necessary.
- To hire security services, garden maintenance, vehicles and related services.
- To decide the number of teaching and non-teaching staff as per requirements and rules.

APPENDIX 2

MANAGERIAL AND ADMIISTRATIVE CHANGES

Board of Governors

1. Structure of Board

The Institutes will be Governed through its "Board of Governors". The Chairperson of the Board of Governors will be a renowned scientist OR industrialist. He/ she will be appointed by the Chancellor on the recommendation of a search Committee.

The other Members of the Board will be:

5 Members - Persons from reputed industries/ research Institutes/ Academic Institutes/ Government
2 Members - Nominees of the Senate
1 Member - A Graduate of a reputed Institute – nominated by the Board.
1 Member - Director, IIT, Mumbai OR his Nominee
1 Member - Director, Technical Education, Maharashtra State
1 Member - Representative of previous Trustee (wherever applicable)
1 Member - Director of the Autonomous Institute - Ex Officio, Member Secretary

The term of 12-13 member Board will be for a period of five years. The State Government will appoint the 5 Members from reputed industries/ Research Institutes/ Academic Institutes/Government. This will include Secretary, Dept. of Higher & Technical Education, Secretary, Dept. of Finance. The Board cannot be dissolved till completion of its term i. e. 5 years. Its term will however automatically come to an end at the end of 5 years. The Government will have the powers to extend the term of the Board for a further period of 3 months, once or twice, indicating special reasons.

2. Authorities & Responsibilities of the Board

1. To prepare the Statutes according to the guidelines of the advisory Committee & State level council of autonomous institutes.
2. Management and control of the working of the Institute.
3. To manage the collection of funds-its management, oversee the security of the properties of the Institute.
4. To approve the annual Budget and the expenditure recommended by the Finance Committee of the Institute.
5. To approve the academic recommendations of the Senate.
6. To implement the recommendations of the advisory Committee & State level council of autonomous institutes regarding the Admission Process.
7. To approve the recommendations of the Senate about award of the Degree.

8. To approve the recommendations of the Senate regarding scholarships, prizes, medals, etc.
9. To look after the discipline and welfare of the teaching and non-teaching staff of the Institute.
10. To create academic, technical, clerical and other posts and make appointments on these posts.
11. To conduct research in joint collaboration with national and international Institutes, offer consultancy services, make use of their facilities, etc. and cooperate and sign agreements with them on behalf of the Institute.
12. To attend & plead all legal matters of the institute.
13. To approve the recommendations regarding disposal of old machinery, etc. made by the committee appointed for this purpose.
14. To delegate powers as per requirements to the Committees appointed by the Board.
15. To approve Annual Reports, Accounts and the Budget, and also submit the proposals of the Board to the State Government.
16. To amend the Statutes for streamlining the managerial and administrative matters of the institutes.

3. Committee's of the Board

1. Finance Committee
2. Building and Civil Works Committee
3. Advisory Committee

Structure of Finance Committee

Chairman - The chairman of the Board of Governance will be the ex-officio chairman of the committee.

2 Member - 2 nominees of the Government in which Secretary, Finance Dept. or his nominee & Secretary, Higher & Technical Education Department or his nominee will be ex-officio member.

2 Member - 2 nominees of the Board.

1 Member - The Director of Autonomous Institute.

1 Member Secretary - The Registrar of the institute.

Structure of Building & Works Committee

Chairman - Director of the Autonomous Institute

1 Member - Joint Director, Technical Education, Regional Office.

1 Member - Superintending Engineer, P. W. D., Maharashtra State.

1 Member - Eminent Civil / Structural Engineer

1 Member - Principal of Government / Aided College of Architecture, M. S.

1 Member - Nominee of Board,

Member Secretary - Head, Civil Engg. Department of institute.

Superintending Engineer, P. W. D., will be member of the committee as a nominee of the Government.

Structure of Advisory Committee

Chairman - Director of the Autonomous Institute

Member - Secretary, L & J Department or his representative
Member - Secretary, H & T Education Department or his representative
Member - Director, Technical Education, M. S. Mumbai.

APPENDIX 3

SENATE

A. Structure of Senate

- Chairman – Director of the Institute
- All Professors of the Institute
- Heads of the Departments other than Professors of Lead Centres.
- Librarian of the institutes
- Workshop Superintendent of the institute
- 6 Members comprising proficient employees. They will be selected for a specified period with the consent of the Chairman-Director.
- Registrar – Member Secretary

B. Authorities & Responsibilities of the Senate

- To modify curriculum for the different courses and its implementation
- To arrange & conduct Examinations, appoint examiners, moderators etc.
- To declare the Results – appoint Committees/ officers for the same, make recommendations regarding award of Degrees/ Diplomas etc.
- To appoint and take the assistance of Advisory or Expert Committee for bringing about improvements in academic matters. Heads of Departments will work as co-ordinators.
- To resolve academic problems put forth by senate by appointing a committee of expert teachers from institutes, senate members & outside experts.
- To forward to the board the recommendations of the Advisory Committees of the Departments.
- To review the working of Departments and take necessary remedial actions and inform to the Board.
- To supervise the functioning of the Library.
- To encourage & acknowledge the research work.
- To maintain discipline in class rooms and laboratories, to encourage personality development and submit report to the Board in these matters.
- To award scholarships, medals, prizes etc.
- To make recommendations regarding creation and abolition of posts etc.
- To decide the authorities & responsibilities of the posts.

C. Functioning of Senate

- Senate will meet minimum 4 times in a year.
- The meeting of the Senate will be called by its chairman or by the written requisition from 20% of its members.
- Minimum one third of its members will be the quorum.
- Director will preside over the meeting of the senate. In his absence, senior Professor will chair the meeting.
- An intimation of the meeting along with its agenda will be given at least one week prior to the meeting.
- In case of emergency, the Director can call urgent meeting with less period of intimation
- The decision of the Chairman will be final in any matter
- Minutes of the meeting will be prepared and circulated to all members by the Registrar. In case of any suggestions / modifications, the same can be put up in the next meeting and then finally approved by the Chairman. The entry of the approved minutes will be made in the minutes register and made available to all the members for perusal.

D. Committees of the Senate

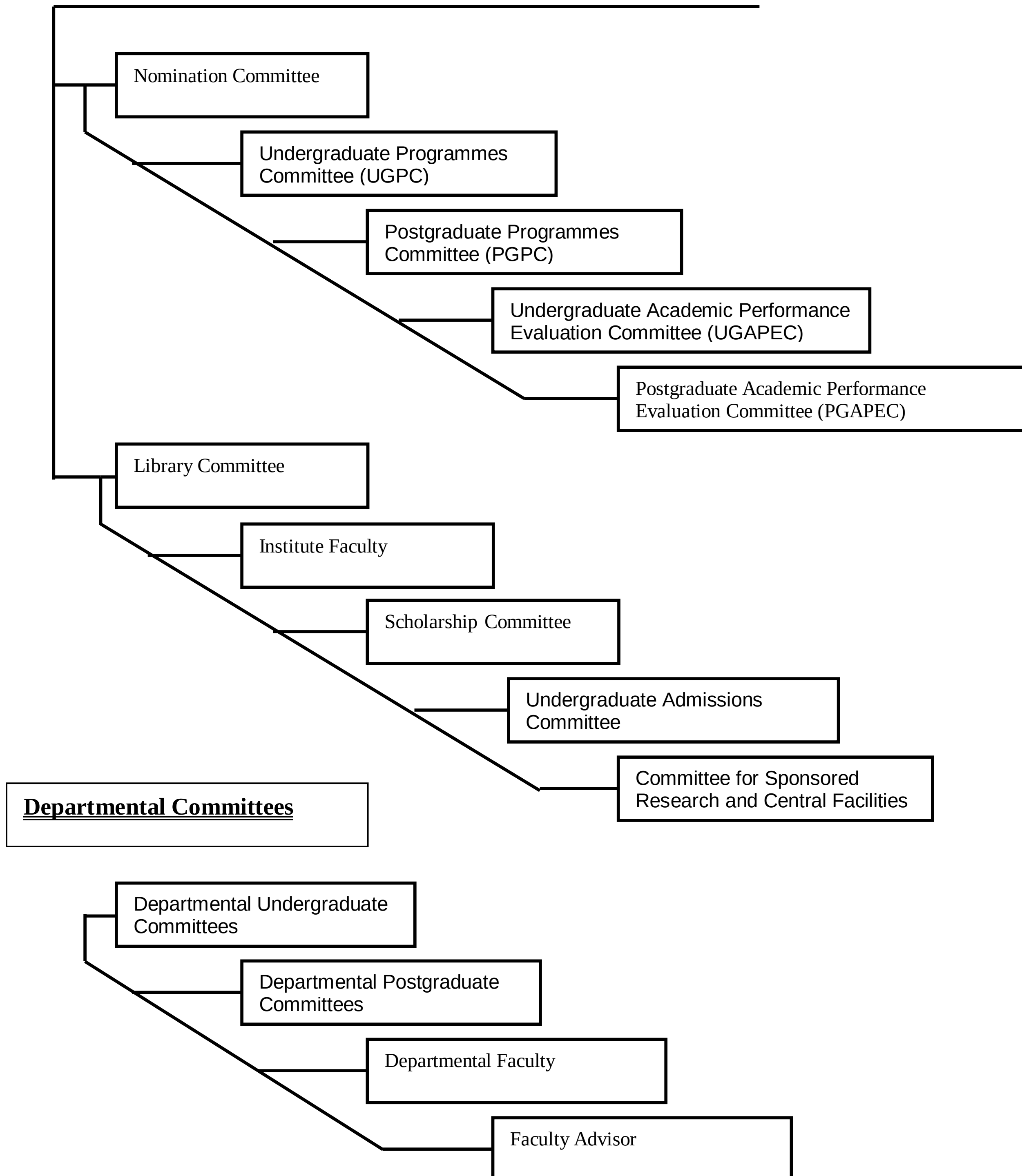
- Nomination Committee.
- Undergraduate & Postgraduate Programmes Committee
- Departmental Undergraduate / Postgraduate Committee
- Departmental Faculty Committee
- Academic Performance Evaluation Committee and Faculty Advisory Committee
- Institute Faculty Committee
- Committee for Sponsored Research and Central Facilities
- Library Committee
- Scholarship Committee
- Admissions Committee

APPENDIX 3

THE PROPOSED ACADEMIC STRUCTURE

The proposed academic structure of the Senate is given below.

Senate Committees



APPENDIX 4

Statute No.	Provision in the existing statute.	Changes proposed.
605	1.The Autonomous College/ Recognised institution/ University Department/ University Institution shall evolve appropriate mechanism to evaluate the academic performance, improvement in standards and to see how best it has achieved the autonomy. 2. a) Autonomous College/ Recognised Institution/ University Department/ University Institution shall every year evolve the mechanism for self evaluation. The detailed procedure such as the constitution of the Committee, terms or reference to the Committee etc. shall be decided by the Academic Council. b)The report of the Self-Evaluation Committee shall be placed before the Academic Board and then to the Board of Management. 3. In addition to self-evaluation, there shall be two external evaluations, namely one after completion of three years and second after completion of five years. The external evaluation after five years shall determine the continuance or otherwise of the autonomous status.	An additional Section No. 605 A should be included in the existing statutes as follows: Sub-section 1, 2 and 3 of Section 605 of the existing Statutes should be taken as it is and instead of sub-section 4 of Section 605 of the existing Statutes the following should be added as sub-section 4 in Section 605 A: "The external evaluation shall be done by the Ministry of Human Resource Development/ Funding Agency. A copy of the Evaluation Report shall be submitted to the concerned University".
	4.The constitution of the Review Committee for external evaluation shall be – Nominee of the Vice-Chancellor Chairman, ii) Nominee of the State	

	Council for Higher Education from amongst the 10 eminent educationists who have been nominated by the Chancellor. iii) Nominee of the University Grants Commission. iv) One expert from outside the State to be nominated by the Management Council. One expert from within the State outside the University jurisdiction nominated by the Academic Council.	
610	The Autonomous College/ Recognized Institution conducted by the Government shall constitute a Board of Management, which shall consist of a) Director, Higher Education/ Director, Technical Education, as the case may be – Chairman. b) Three persons nominated by the State Government from education, industry and business field. These persons must be of proven academic interest with at least P.G. level qualifications as far as possible. c) Two teachers elected by the academic staff of the College for a team of two academic years and they must have at least five years teaching experience. d) One person nominated by the Vice Chancellor. e) One nominee of the University Grants Commission/ A.I.C.T.E., as the case may be from	An additional Section No. 612-A be included in the existing statutes as follows: The autonomous college/ recognized institution under the scheme of Sub-sector development programme of Technical Education / Technical Education Quality Improvement Program of Govt. of India with the aid of World Bank shall constitute a Board of Governors which shall consist of: a) The Chairman of the Board of Governor shall be nominated by the Chancellor from amongst the renowned industrialists or scientists on recommendation of the Search Committee to be appointed by the Chancellor. b) Five members nominated by the Government from education, industry, research institutes, Government and business field. These persons must be of proven academic interest with at least P.G. level qualification as far as possible. c) Two members nominated by the Chairman of the Board of

	within the State.	Governors from amongst the teaching staff of the college having experience of at least five years. d) One member who graduated from the very Institute nominated by the Board of Governors. e) Director, I.I.T., Mumbai or his representative. f) Director, Technical Education. g) Director of the autonomous institution (Ex-officio) – Member Secretary. The term of office of the Board of Governors shall be five years. The term of Board of Governors shall automatically terminate after completion of five years. In case of administrative exigencies, it can be extended to three more months once or twice. The reason should be mentioned thereof for the extension of the term of Board of Governors.
612	The Autonomous College/ Recognised Institution which is managed and maintained by the Private Management/ Trust shall constitute the Board of Management, which shall consist of : a) Three members nominated by the College Management from education, industry and business field. These persons must be of proven academic interests with at least P.G. level qualifications, as far as possible. Out of this one shall be the Chairman. b) Two experts nominated by the Vice Chancellor from the Academic Council. c) Two teachers elected by the academic staff of the	

	college for a team of 2 academic years and having not less than five years of teaching experience. d) Staff Council member or Professor or a person not below the rank of Joint Director nominated by the State Government. e) One nominee of the UGC/ AICTE, as the case may be. f) Alumni of the College nominated by the College Management. g) Principal / Director – Member Secretary	
		Additional section No. 643 shall be included in the existing statute as follows – 643(a) The Institution under sub-sector development programme / Technical Education Quality Improvement Program of Govt. of India for technical education shall follow the guidelines given by MHRD/funding agency then guidelines are prevail over statutes.

APPENDIX 4 A

Council of Autonomous Institutes, Maharashtra State

Structure of the Council

Following Members will constitute the Council of Autonomous Institute

1. Chairman - Hon. Minister, Higher & Technical Education, M.S. (Ex-officio)
2. Member - Secretary, Higher & Technical Education, M. S.
3. Member - Secretary, Finance Department, MS.
4. Member - Nominee of UGC
5. Member - Nominee of AICTE
6. Member - Three Chairmen of the Board of Governors (By rotation)
7. Member - Maximum of five Directors of the Autonomous Institutes (By rotation)
8. Member - Director, IIT Mumbai.
9. Member - Two nominees of the State Government
10. Member Secretary - Director, Technical Education, MS.

The tenure of the Members of the Council will be for five years.

APPENDIX 5

UNDERTAKINGS

Certain undertakings are required to be given while participating in the TEQIP project of the World Bank. These are as follows:

1. Willingness to permit participation of selected Government, Government Aided Engineering Colleges and polytechnics, in open competition under the Technical Education Quality Improvement Programme of the World Bank, Willingness to accord the status of College to the Polytechnics, and willingness to accept the decision of Selection Committee of the NPIU.

2. To give complete autonomy to selected Institutes.

3. Willingness to permit the selected Institutes to recover the increasing cost of Education from students.

4. Willingness to implement financial loans, scholarships, 'earn & learn' schemes in the Institutes.

5. Willingness to accept Block Grant pattern of funding for the selected Institutes.

6. Willingness to permit internal revenue generation, its retention as well as its expenditure and creation of corpus fund.

7. Willingness to permit selected Institutes to participate in Community Services.

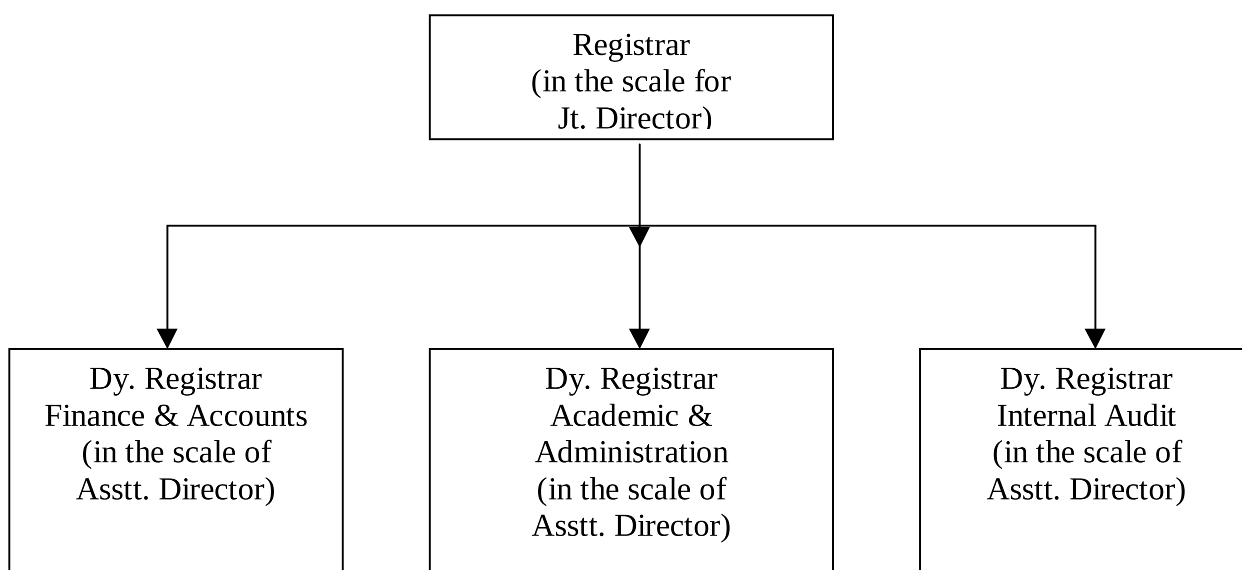
8. Willingness to permit filling of all teaching posts at their levels.

APPENDIX 5

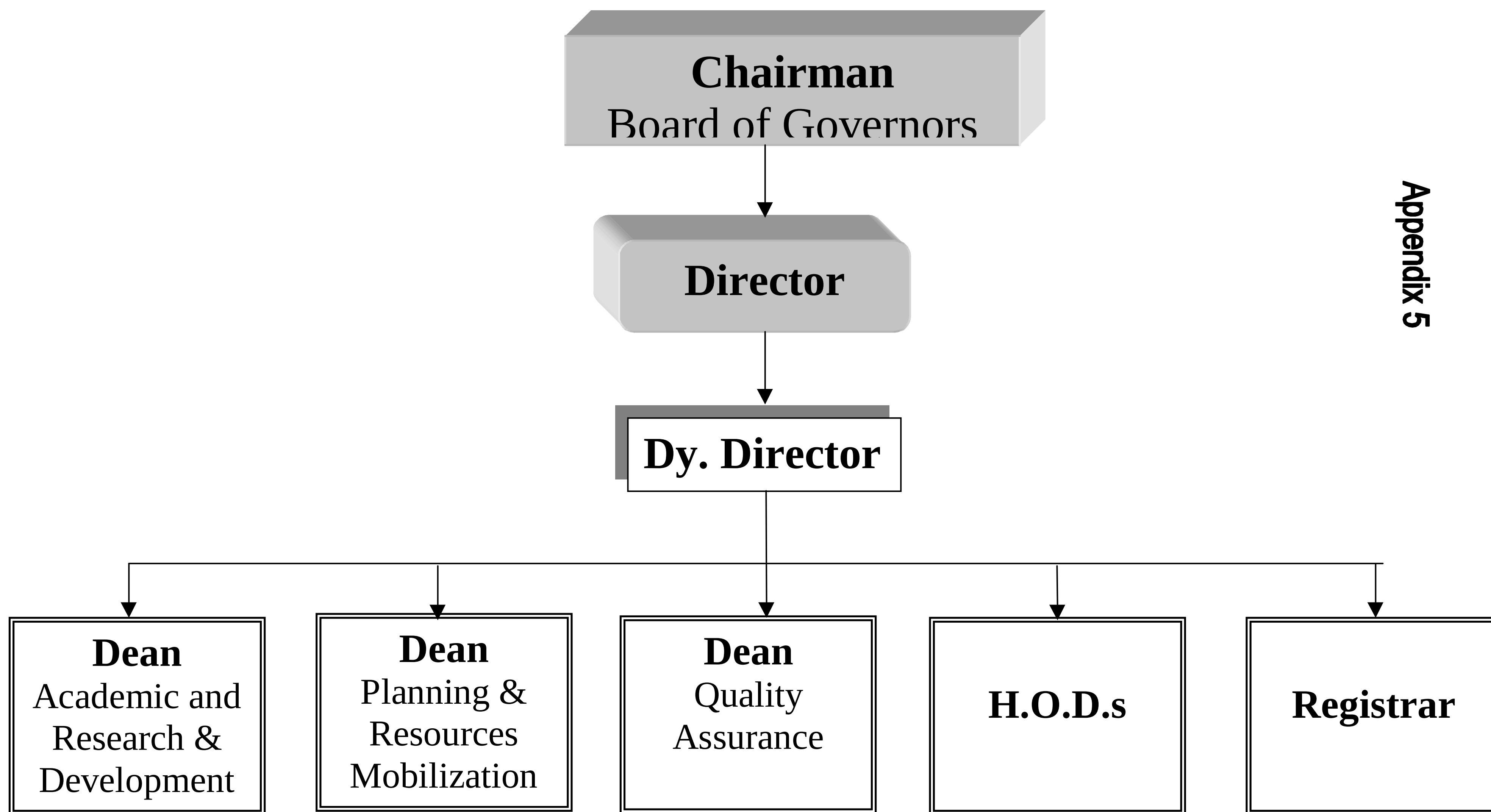
ADMINISTRATIVE STRUCTURE

OFFICE ADMINISTRATIVE STRUCTURE

The proposed structure for the office administration is given below.

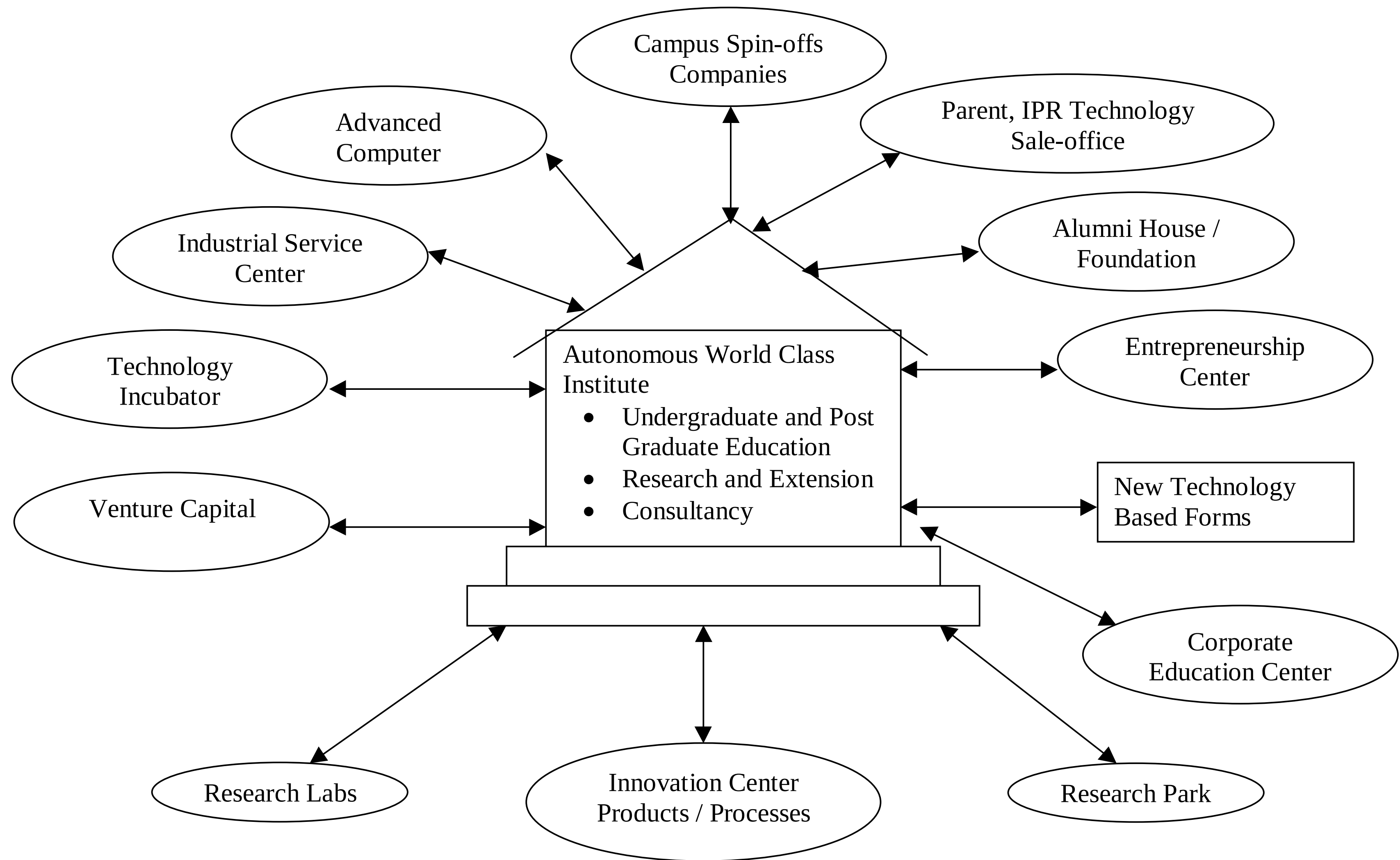


Appendix 5



Organisation Structure for Autonomous Institutes

Appendix 6



NEW MODEL FOR MULTIFARIOUS ACTIVITIES

APPENDIX 7

RESOURCE MOBILIZATION

INDUSTRIAL HOUSES

Each of the autonomous Institutes should achieve the excellence in some of the areas. It should attract funding from Industry to build infrastructure. They should accept sponsored research programmes from private /public sector organizations

CONTINUING EDUCATION

Technologies are advancing faster than ever before. Academic institutes should conduct small duration continuing education programmes. It should be possible to attract students on the basis of competence attained through research.

TESTING AND CONSULTANCY

Each one of the institutes must gear up for testing and consultancy services. Institutional consultancy based on expertise of faculty must be encouraged for development of the Institute.

ALUMNI ASSOCIATION

Each institute should build a database of its alumni. The Institute should make efforts to get generous donations from them.

SPONSORED RESEARCH

Based on expertise of the faculty of the Institute, sponsored research from funding agencies like DST, CSIR, AICTE, DOE, BRNS, Board of Aeronautical Engineering, Ministry of Defence etc. should be explored.